UNITED STATES PATENT AND TRADEMARK OFFICE C 12003

In re Application of:

Ryusuke Hasegawa et al.

2832

Serial No.:

10/071,368

Filed:

February 8, 2002

FILTER CIRCUIT HAVING AN FE-BASED CORE

Tuyen T. Nguyen

For:

H0002699 (4710)

Old Docket No.: New Docket No.:

0017-17 / H0002699

Morristown, NJ 07960 June 2, 2003

Group Art Unit:

Examiner:

**Commissioner For Patents** PO Box 1450 Arlington, VA 22313-1450

Sir:

## **AMENDMENT UNDER 37 CFR 1.111**

In response to the Office Action dated March 13, 2003, kindly amend the aboveidentified application as follows.

## IN THE CLAIMS

Cancel claims 2, 3, 6, 9, and 10 without prejudice.

Rewrite claims 1 and 8 as follows:

1. (Amended) A bandpass filter, comprising an inductor having a core that consists essentially of an Fe-base amorphous metal alloy and has a substantially constant permeability over a frequency range of about 1 to 1000 kHz.



8. (Amended) In a method for limiting frequency communications, the improvement wherein there is utilized an inductor having a core consisting essentially of an Fe-base amorphous metal alloy and having a substantially constant permeability over a frequency range of about 1 to 1000 kHz.